Bamboo Labs X1 E
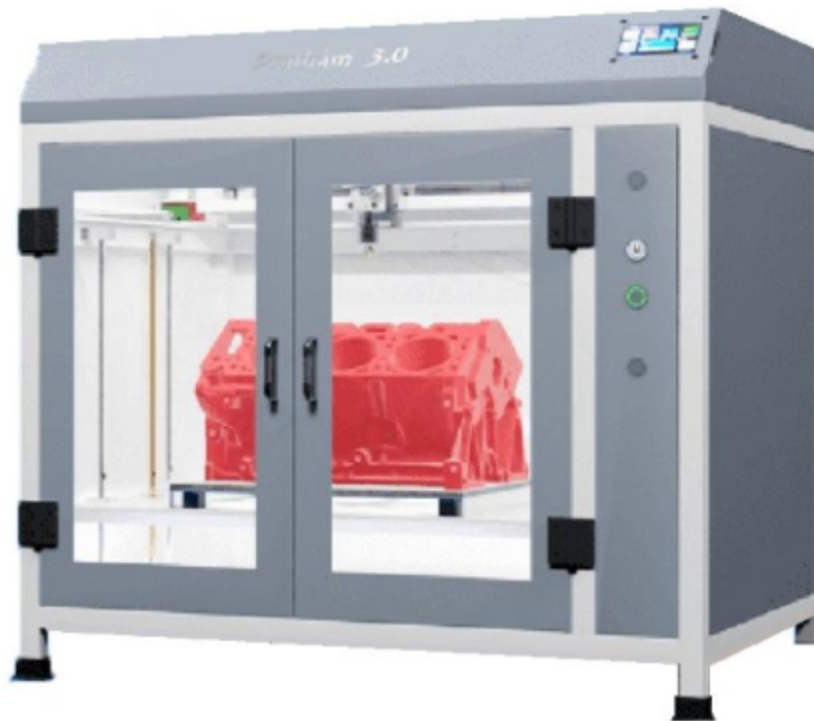

Specifications:

- Input: 100–240 V AC, 50/60 Hz
- Build volume: 256 × 256 × 256 mm
- Max power: 1400 W @ 220 V / 750 W @ 110 V
- Lidar sensor for calibration and surface scan
- 1080p camera for monitoring
- Wi-Fi + Ethernet
- WPA2-Enterprise support
- Offline LAN mode
- Materials Supported: PLA, PETG, TPU, PVA, BVOH, ABS, ASA, PC, PA, PET

Pratham 3.0

Specifications:

- Build volume: 300 × 300 × 300 mm
- Filament diameter: 1.75 mm
- Nozzle diameter: 0.4 mm (standard)
- Max nozzle temperature: 280 °C
- Max bed temperature: 120 °C
- Materials Supported: PLA, ABS, PETG, TPU, composites
- Layer resolution: 0.08 – 0.4 mm
- Dimensional accuracy: ±0.1 mm
- Print speed: 40 – 120 mm/s
- Connectivity: USB

Phrozen Sonic Mega 8K V2 Resin 3D Printer

Specifications
- Build volume: 330 × 185 × 400 mm
- XY resolution: 43 μm (0.043 mm)
- Layer thickness: 0.01 – 0.30 mm
- Screen: 15″ mono 8K LCD
- Speed: ~400 layers/hr; auto resin feed + air purifier
- Connectivity: USB, Ethernet; ChiTuBox compatible
- Power: 100–240 V

Anycubic Kobra 2 Neo 3D Printer

Specifications
- Build volume: 250 × 220 × 220 mm
- Print speed: Up to 250 mm/s
- Nozzle temp: Max 260 °C (0.4 mm nozzle)
- Bed temp: Max 110 °C
- Auto leveling: LeviQ 2.0 (25-point mesh + Z-offset)
- Size: 485 × 440 × 440 mm
- Materials: PLA, ABS, PETG, TPU

Scientech 827 Workbench

Specifications

- Function generator: 10 MHz AM/FM with 40 MHz frequency counter
- Oscilloscope: 50 MHz, 1 GSa/s, 4-channel digital storage
- Power supply: Dual-tracking DC supply
- Multimeter: 3¾-digit digital multimeter
- Soldering/desoldering station: Included
- Power: Single AC input with MCB protection
- Size: ~1800 mm (W) × 820 mm (D); mobile workbench with lockable wheels

ESD workstation

Electric Wheelchair and Treadmill with Adjustable walking supports

Specifications:
- Treadmill with adjustable speeds
- Two Movable side supports
- 1 Linear actuator for Exoskeleton Harness support
  - Max load : 6000
  - Power Rating 24V DC
  - Current Rating: 3.5A

Battery Specifications:
- Charging Voltage 24V
- Capacity: 12Ah

Myrio 1900

Specifications
- Processor: Dual-core ARM Cortex-A9 (Xilinx Zynq-7010 SoC)
- FPGA: Integrated Xilinx Zynq-7010 FPGA
- Memory: DDR3 RAM + onboard flash
- Wi-Fi: IEEE 802.11 b/g/n (2.4 GHz)
- Analog Inputs: ±10 V (12-bit)
- Analog Outputs: ±10 V (12-bit)
- Digital I/O: 40 lines (PWM, SPI, I²C, UART supported)
- Other I/O: USB Host/Device, Audio In/Out, Accelerometer
- Power: 6 – 16 V DC, ~14 W max
- Operating Temp: 0 – 40 °C

CubeMars AK Series Actuators

Parameter	AK 10-9 KV60	AK 80-64	AK 80-6	AK 60-6
Voltage	24V/48V	24V/48V	48V	24V
Peak Torque	48 Nm	120 Nm	12 Nm	9 Nm
Rated Current	10.6 A	7 A	9.7 A	3.8 A

AK series motor actuators are high-torque BLDC units used in exoskeletons and robotics. They combine a brushless motor with a gearbox to provide strong torque and precise motion control. These actuators are commonly used for joint movement and load support in wearable and robotic systems

Metallic Breadboard